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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	**REPORT**	
SUBJECT	Elektrochemisches Kombinat Bitterfeld Production, First Half of 1954	**DATE DISTR.**	8 October 1954
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
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The following figures represent actual production at Elektrochemisches Kombinat Bitterfeld from 1 January to 30 June 1954 and the amount of each product which was distributed during that period. All figures are in metric tons.[1]

Product	Production	Distributed
Metals		
Ferrochromium	314	313
Ferrotungsten	98	97
Ferrovanadium	14	13
Ferrotitanium	58	55
Ferrophosphorus	72	74
Calcium aluminum	23	23
Aluminum alloys (from scrap)	3,968	2,982
Foundry aluminum (primary)[2]	12,195	5,762
Foundry aluminum (purest)	150	148
Silicon and hydranalium alloys	1, 467	1,104
Magnesium alloys (from scrap)	272	108
Manganese	15	7

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NOTE: Washington distribution indicated by "X"; Field distribution by "#".

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Product	Production	Distributed
Molybdenum	5	5
Tungsten	6	6
Barium	0.345	0.341
Cerium flints	4	4
White metal	274	274
High quality alloys for electrodes etc.	53	53
Hernsler's alloy (magnet alloy)	71	71
Cast (electric) steel	386	386
Molds from aluminum alloys	4,780	721
Trace-press products from aluminum alloys	3,528	3,431
Die-castings in aluminum alloys	44	44
Castings in aluminum alloys	654	648
Cast iron household products	254	254
Arndt's alloy	0.198	0.198
Magnesium-nickel alloy 15/85	3.073	3.073
Chromium	0.770	0.770
Nickel powder	1.47	1.47
Tungstite	4	4
Magnesium powder	2.349	2.349
Aluminum powder	400	99
Aluminum oxide	0.200	0.200
Cobalt metal powder	5	5
Aluminum nickel powder	0.920	0.920
Electrodes		
Graphite electrodes (for chemical industry)	1,540	612
Graphite electrodes (for steel industry)	5,550	5,550
Magnetite electrodes	286	-
Electrodes of light metals	1	1
Inorganic chemicals		
Sulphur	1,459	1,426
Sulphuric acid (regenerated)	778	800
Potash (pot. carb.)	5,805	5,738
Caustic soda lye	34,010	26,664

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Product	Production	Distributed
Caustic soda (solid)	4,895	3,653
Caustic potash lye	12,840	1,471
Caustic potash (solid)	3,852	3,852
Fluid chlorine	10,310	6,881
Gaseous chlorine	38,284	-
Hydrochloric acid	19,313	12,267
Nitric acid	51,030	-
Potassium permanganate	1,278	1,258
Calcium ammonium nitrate	97,507	97,507
Cobalt oxalate	0.075	0.005
Chrome oxide	115	116
Phosphorus, yellow (crude)	1,031	-
Phosphorus, yellow (pure)	1,015	650
Phosphorus, red	72	74
Phosphorus, trichloride (pure)	83	71
Phosphorus, trichloride (crude)	1,207	-
Phosphorus powder (Cottrell powder)	130	173
Titanium dioxide	824	738
Potassium bichromate	2,563	1,767
Sodium bleaching lye	4,293	4,162
Chloride of lime	1,657	1,657
Potassium chlorate	4,208	4,208
Sodium chlorate	4,882	4,809
Ammonium nitrate	7,112	7,112
Sodium nitrite (nitrite lye)	1,191	1,191
Calcium chloride lye	2,310	1,978
Barium chloride	578	505
Chromic acid	142	142
Tungstic acid (pure)	22	14
Tungstic acid (extra pure)	8	8
Potassium sulphate	83	27
Sulphur chloride	4	4
Calcium chloride (cryst.)	276	236

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Product	Production	Distributed
Ferric chloride (anh.)	304	304
Manganese carbonate	28	27
Iron formate	7	7
Manganite	89	98
Manganese chloride	5	5
Manganese hydroxide	-	-
Molybdic acid (anh.)	0.420	0.420
Boron carbide	0.060	0.060
Cobalt sulphate	4	4
Phosphorus oxychloride	1,248	7
Phosphorus pentachloride	8	8
Barium carbonate	988	291
Organic chemicals		
Oxalic acid	985	952
Methylene chloride	46	35
Carbon tetrachloride	3,582	3,579
Tricresyl phosphate	2,040	1,337
Triphenyl phosphate	50	44
Triethyl phosphate	2	2
Trichlorethyl phosphate	1	1
Calcium formate	1,118	99
Formic acid (100%)	776	695
Kofa salt	168	168
Chlorobenzene	2,471	682
O- tricresyl phosphate	11	11
o- dichlorobenzene	115	122
p- dichlorobenzene	184	172
Benzyl chloride	92	89
Benzylidene chloride	32	35
Benzyol chloride	2	2
Benzoic trichloride	362	-
Benzoic acid	166	166
Chloral hydrate	8	8

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Product	Production	Distributed
Chloral (pure)	1,293	254
Chloroform	18	18
Benzene hexachloride (crude)	140	140
Plastics[3]		
Igelit PCU	2,459	30
Igelit PC	690	577
Vinidur	1,794	851
Tanning agents		
Basochrom	413	413
Chrome alum	120	121
Pest powders		
DDT (Gesarol)	2,120	2,102
Hexitol	1	1
Duplexan, Hexitan, Silvexan	630	630
Aerosol	20	20
Duplinon	15	15
Duplexol	29	29
Silvexol	4	4
Ring- Detexol	1	1
Wegerein	497	497
Anforstan	151	151
Agrosan	12	12
Hormit	137	132
Hormin	162	162
Etingal	1.051	1.051
"H.C.C."	11	3
Edible commodities		
Albumin powder	550	537
Soup flavoring	293	262
Soup powders	180	114
Soup cubes	49	49
Sauce cubes	25	18
Sauce powder	4	4

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3. The details of plastic production have been omitted.

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